To: Stan Kaczmarek[StanK@demaximis.com]; Vaughn, Stephanie[Vaughn.Stephanie@epa.gov]
Cc: Frank Tsang[TsangC@cdmsmith.com]; Gary.Foster@CH2M.com[Gary.Foster@CH2M.com]; George.Hicks@CH2M.com[George.Hicks@CH2M.com]; James.Brinkman@CH2M.com[James.Brinkman@CH2M.com]; John Rolfe[jrolfe@demaximis.com]; Greenberg, Marc[Greenberg.Marc@epa.gov]; Mike.Jury@CH2M.com[Mike.Jury@CH2M.com]; Robert Law[rlaw@demaximis.com]; Sharon Budney[BudneySL@cdmsmith.com]; Willard Potter[otto@demaximis.com]
From: Hoppe, Michael
Sent: Wed 10/9/2013 2:55:00 PM
Subject: RE: Capping in Sub-Grade Areas (Plan Design Comments)

This Plan is adequate, based on requested changes.

Michael Hoppe

Federal On-Scene Coordinator

USEPA Region 2

Response and Prevention Branch

Preparedness Section

Phone: (732) 906-6908 Fax: (732) 321-4425

Cell: (908) 420-4472

From: Stan Kaczmarek [mailto:StanK@demaximis.com]
Sent: Tuesday, October 08, 2013 11:31 AM
To: Hoppe, Michael; Vaughn, Stephanie
Cc: Frank Tsang; Gary.Foster@CH2M.com; George.Hicks@CH2M.com; James.Brinkman@CH2M.com; John Rolfe; Greenberg, Marc; Mike.Jury@CH2M.com; Robert Law; Sharon Budney; Willard Potter
Subject: RE: Capping in Sub-Grade Areas (Plan Design Comments)

Mike, as requested, attached is a revised RSLO and PDF version of the High Subgrade Cap Design

memo that adds the phrase "expected to be protective" into the armoring layer discussion.

Stan Kaczmarek, PE

de maximis, inc.

186 Center Street, Suite 290

Clinton, NJ 08809

(O) (908) 735-9315

(C) (973) 978-9621

>>> On 10/7/2013 at 7:18 PM, in message <525308EB.C9C4.0095.1@demaximis.com>, Stan Kaczmarek wrote:

Mike,

Attached is an RSLO and a PDF version of the High Subgrade Cap Design memo with the changes requested. The suggested revisions were very reasonable.

Let me know if you need anything else.

Stan Kaczmarek, PE

de maximis, inc.

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>>> On 10/7/2013 at 3:05 PM, in message <88613b0af0b341829fa9383902d98c88@BY2PR09MB062.namprd09.prod.outlook.com "Hoppe, Michael" <Hoppe.Michael@epa.gov> wrote:

Stan,

Before the *High Subgrade Cap Design* is approved, the EPA has the following comments:

Multiple times throughout the document (see pages 1&3) the following is stated:

- the cap “will be” or “is” protective
- the cap “will still be fully protective” or “is adequate”

The wholesale statements that the cap is protective, need to be revisited.

A statement similar to: … the cap (armor layer, etc) is “expected to be protective” or “designed to be protective” are alternatives that should be considered.

Please contact me if you need to discuss before the meeting on Wednesday.

Thank you.

Michael Hoppe

Federal On-Scene Coordinator

USEPA Region 2

Response and Prevention Branch

Preparedness Section

Phone: (732) 906-6908 Fax: (732) 321-4425

Cell: (908) 420-4472

From: Stan Kaczmarek [mailto:StanK@demaximis.com]
Sent: Friday, October 04, 2013 4:19 PM
To: Hoppe, Michael; Vaughn, Stephanie
Cc: Gary.Foster@CH2M.com; George.Hicks@CH2M.com; James.Brinkman@CH2M.com; John Rolfe; Mike.Jury@CH2M.com; Robert Law; Willard Potter
Subject: Re: Capping in Sub-Grade Areas

Mike, in response to your question on how high/irregular areas will be addressed during placement of the cap, the cap will be placed as designed in all areas where the minimum average dredge depth of 1.75 ft has been achieved. In those areas where this average dredge depth has not been achieved due to the presence of high sub-grade material, the cap will be modified as indicated in the High Sub-grade Cap Design technical memorandum dated September 25, 2013. The portion of the Removal Area which could not be dredged to meet the acceptance criteria due to high sub-grade material/debris/boulders makes up a very small percentage of the overall capped area. Where large debris/boulders are present, the cap will be placed based on the average dredge depth (10 ft x 10 ft area) for the area. The presence of debris/boulders will not impact the overall performance of the cap and therefore will not be removed. To the extent practical, the active layer will be placed over and between all such rocky obstructions. The exception to this approach is with respect to the abandoned cable which is located adjacent to the “No Dredge Zone”. This cable will be cut at the sediment interface and removed prior to placement of the cap.

If there are concerns not addressed by this response, please advise.

Stan

Stan Kaczmarek, PE

de maximis, inc.

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>>> On 10/4/2013 at 9:48 AM, in message <0e7fec62e49044998eebb5a81beb4633@BY2PR09MB062.namprd09.prod.outlook.com>, "Hoppe, Michael" <Hoppe.Michael@epa.gov> wrote:

Stan,

To date, the primary comments on the cap design in high grade areas have been regarding large debris/boulder areas. How does GLDD/all plan on ensuring/addressing that these irregular, high areas are specifically address?

Otherwise, unless ERT Greenburg has comments (and I am unaware of his current furlough status), the plan is generally appropriate.

Mike

Michael Hoppe

Federal On-Scene Coordinator

USEPA Region 2

Response and Prevention Branch

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